

# 2003 FAA National Software Conference

## DO-254 Policy and Guidance Overview



### Overview of FAA Guidance, Policy, & Training for RTCA/DO-254

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### Presentation Overview

- ☞ **FAA advisory circular, AC.CEH**
  - Status
  - Schedule
- ☞ **FAA order, 8110.CEH**
  - Status
  - Schedule
- ☞ **FAA training**
- ☞ **Summary**



# 2003 FAA National Software Conference

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A slide with a yellow background. In the top left corner is the FAA logo. The title is 'Draft AC.CEH Status' in bold black text. Below the title is a bulleted list of five items, each preceded by a yellow hand icon. A small number '4' is in the bottom right corner.

### Draft AC.CEH Status

- Assigned project leader as of January 26, 2003 (thanks J.D.)
- National FAA team established
- Previous draft AC was revised
- FAA & informal industry comments received on draft 5.6 of AC.CEH
- Ready for public comments

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### Draft AC.CEH Schedule

- 1/03 – assigned project for AC.CEH
- 3/03 - national FAA team established
- 6/03 - draft AC was revised (draft 5.6) with initial legal and tech editor review
- 8/03 - FAA & informal industry comments received on draft 5.6 of AC.CEH
- 9/03 - revised draft AC ready for public comments
- 4/04 – established designee qualifications
- 4/04 – publish final AC for RTCA/DO254



**Order 8110.CEH  
Status & Schedule**

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### Draft 8110.CEH Status

- ☞ **Business objective established for 8110.CEH**
- ☞ **National FAA team established**
- ☞ **Process of identifying technical issues to address:**
  - **Inputs received from certification authorities software team (CAST)**
  - **DO-254 session at national conference**
  - **Directorates, ACOs, DERs, National FAA team, industry, & public**



### Draft 8110.CEH Schedule

- ☞ **4/03 – established project for 8110.CEH**
- ☞ **7/03 – inputs from certification authorities software team (CAST), meeting #37**
- ☞ **9/03 - inputs from national conference**
- ☞ **4/04 – FAA coordination on draft order 8110.CEH**
- ☞ **9/04 – public coordination**
- ☞ **5/05 – publish final FAA Order for RTCA/DO254**

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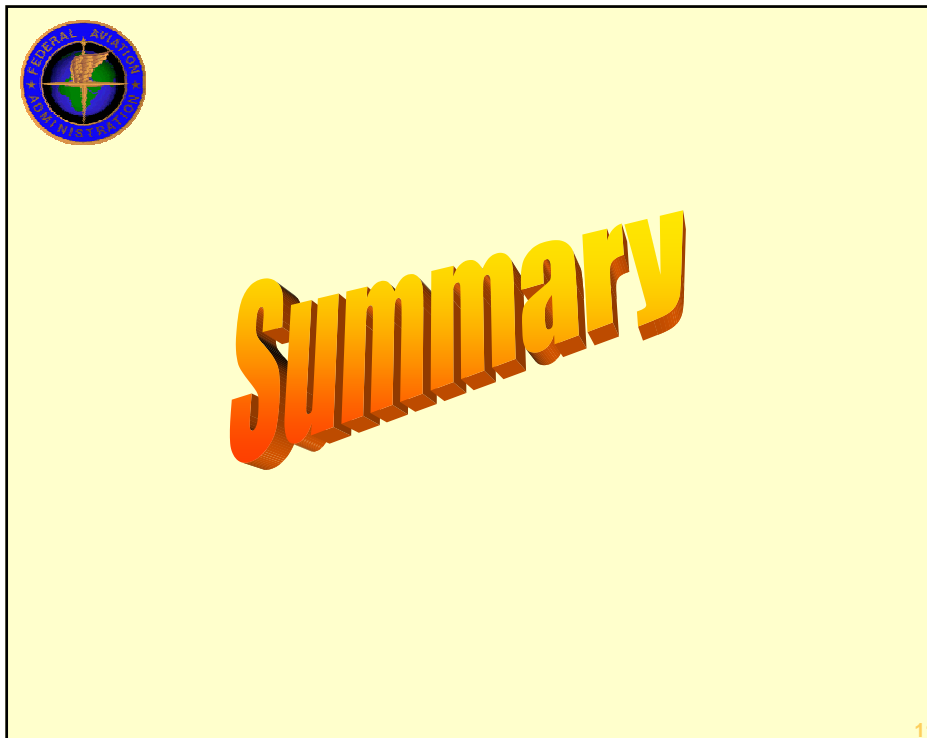
## DO-254 Policy and Guidance Overview



A presentation slide with a yellow background. In the top left corner is the FAA logo. The title 'Training' is centered at the top in a bold black font. Below the title is a bulleted list of four items, each preceded by a yellow hand icon pointing to the right. The items are: 'Why? To provide standardization within the aircraft certification service', 'National FAA team established', 'FAA R&amp;D effort for NASA LaRC to perform DO-254 case-study', and 'Develop training course 3/05'. A small number '10' is visible in the bottom right corner.

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This slide features the FAA logo in the top left corner. The word "Summary" is centered at the top in a bold black font. Below it is a bulleted list of four items, each preceded by a yellow hand icon. The background is a solid light yellow. A small number "12" is visible in the bottom right corner.

### Summary

- Established an overall plan for guidance, policy, & training to address complex electronic hardware with RTCA/DO-254
- Advisory circular will recognize RTCA/DO-254 and applicable hardware
- Order will provide clarification/policy on technical issues with RTCA/DO-254
- Training will provide standardization for determining compliance with RTCA/DO-254

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	<b>Comments</b>
<ul style="list-style-type: none"><li>➡ <b>Scope</b></li><li>➡ <b>Hardware Levels</b></li><li>➡ <b>JAA TGL for DO-254</b></li></ul>	